## CLAIMS

1. A liquid crystal composition for forming an optically anisotropic film, comprising a polymerizable liquid crystal compound and a hydrolysate of an alkoxysilane compound.

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- The composition for forming an optically anisotropic film according to claim 1, wherein the
   hydrolysate of the alkoxysilane compound contains a siloxane oligomer.
- The composition for forming an optically anisotropic film according to claim 2, wherein a degree of
   polymerization of the siloxane oligomer is from 2 to 25.
- 4. The composition for forming an optically anisotropic film according to claim 1, wherein the alkoxysilane compound is a trialkoxysilane compound having a functional group.
- 5. The composition for forming an optically anisotropic film according to claim 1, wherein a functional group is any of vinyl group, epoxy group,

  (meth)acryloxy group, mercapto group and halogen atom.

  SC(PCT)-87US

6. The composition for forming an optically anisotropic film according to claim 1, wherein the polymerizable liquid crystal compound contains a rodshaped polymerizable nematic liquid crystal compound.

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7. The composition for forming an optically anisotropic film according to claim 6, wherein the polymerizable liquid crystal compound contains a compound represented by the following general formula (1):

wherein  $\mathbb{R}^3$  is hydrogen or a methyl group; and c is an integer from 2 to 12.

- 15 8. The composition for forming an optically anisotropic film according to claim 1, wherein the hydrolysate of the alkoxysilane compound is present in an amount of 0.1 to 40 wt%.
- 9. The composition for forming an optically anisotropic film according to claim 1, wherein the hydrolysate of the alkoxysilane compound is obtained by hydrolyzing one mole of the alkoxysilane compound with SC(PCT)-87US

0.1d to 2.0d mol of water, given that the number of alkoxyl groups in a molecule of the alkoxysilane compound is d.

10. A method for producing a liquid crystal film composition containing a polymerizable liquid crystal compound and a hydrolysate of an alkoxysilane compound, wherein

the alkoxysilane compound is hydrolyzed to obtain

the hydrolysate, which is then uniformly mixed with the

polymerizable liquid crystal compound, or the alkoxysilane

compound is first uniformly mixed with the polymerizable

liquid crystal compound and the alkoxysilane compound is

subsequently hydrolyzed in the mixture.

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- 11. The production method according to claim 7, wherein one mole of the alkoxysilane compound is hydrolyzed with 0.1d to 2.0d mol of water, given that the number of alkoxyl groups in a molecule of the alkoxysilane compound is d.
- 12. An optically anisotropic film comprising a base film and a liquid crystal film obtained by applying to the base film the composition for forming a liquid crystal film according to any of claims 1 to 9 and then SC(PCT)-87US

curing the composition, wherein the alignment of the liquid crystal molecules in the liquid crystal film is fixed in a nematic alignment.

- The optically anisotropic film according to claim 12, wherein the nematic alignment is a nematic hybrid alignment or a nematic homeotropic (vertical) alignment.
- 14. A method for producing an optically anisotropic film, comprising applying to a base film the composition for forming a liquid crystal film according to any of claims 1 to 9; causing the polymerizable liquid crystal compound to align in a nematic alignment; and while maintaining the alignment, curing the polymerizable liquid crystal compound to form a liquid crystal film.
- anisotropic film, comprising applying to a peelable film
  the composition for forming a liquid crystal film
  according to any of claims 1 to 9; causing the
  polymerizable liquid crystal compound to align in a
  nematic alignment; while maintaining the alignment, curing
  the polymerizable liquid crystal compound to form a liquid
  crystal film; and transferring the liquid crystal film
  SC(PCT)-87US

onto a base film using a tackifier or an adhesive.

16. A liquid crystal display having a liquid crystal panel and the optically anisotropic film according to claim 12 applied on at least one surface of the liquid crystal panel.